Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO

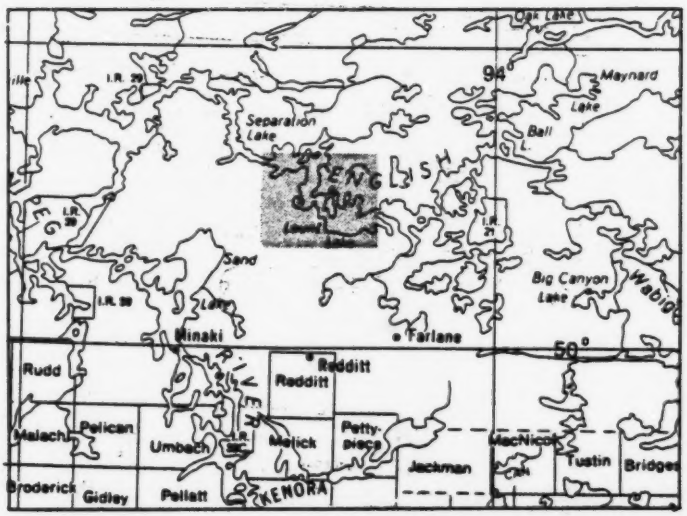
GDIF 487

STOP LAKE AREA

(52 L/1 NW)

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Kenora



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

CANADA ONTARIO Mineral Development Exploitation Minérale

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

NTS Number 52L/1 NW

89-05968/

Mining Claim Map Number : Stop Lake G-2523 (M-3006)

This project was funded under the Canada Ontario Mineral Development Agreement (COMDA).

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1989: Stop Lake Area, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio #487 , compiled by the staff of the Resident Geologist's Office, Kenora; 17 pages and 2 maps.

Original Compilation by: A. Schottroff

Date	Page Revised	Revised by

Date	Page Revised	Revised by

This project is part of the 5 year Canada/Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic & Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

Stop Lake Area

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 4
Drill Hole Summary 5
Airborne Geophysical Survey Data 6
Geochemical Survey Data 7
Miscellaneous Data 8
Newspaper Clipping File 9
ODM General Index Search 10
Selected References 12
Notes and Addenda 16

ACCOMPANYING MAPS

Property Location Map - 1 Map

Exploration Data Map - 1 Map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	AS JULY 88
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 volumes	YES	AS JULY 88
4	Catalogue of Airborne Geophysical Surveys (ODM)	YES	AS JULY 88
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	AS JULY 88
6	ODM Industrial Mineral Reports	NO	AS JULY 88
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	AS JULY 88
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	AS JULY 88
9	Newspaper Clippings File	NO	AS JULY 88
10	GSC Index to Publications	YES	AS JULY 88
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	AS JULY 88
12	OGS Index Maps	YES	AS JULY 88
13	Source Mineral Deposit Records (O.G.S.) and MDIR'S	NO	AS JULY 88
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	YES	AS JULY 88
16	ODM Geological Circulars: OGS Study Series	NO	AS JULY 88
17	ODM Preliminary Reports: ODM Bulletins	YES	AS JULY 88
18	ODM – OGS Open File Reports	NO	AS JULY 88
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	AS JULY 88
20	OGS Aggregate Resources Inventory Papers	NO	AS JULY 88
21	OGS Mineral Potential Maps	YES	AS JULY 88
22	Theses on File, Kenora	NO	AS JULY 88
23	Aerial Photos on File, Kenora	NO	AS JULY 88
24	OBM Maps on File, Kenora	NO	AS JULY 88

Stop Lake Area

METALS AND MINERALS REFERENCES LIST

- Δ anh. . . . . Anhydrite
- Δ ank. . . . . Ankerite
- Δ anna . . . . . Annabergite
- Δ ap. . . . . Apatite
- Δ arg . . . . . Argentite
- Δ As . . . . . Arsenic
- Δ asp . . . . . Arsenopyrite
- Δ asb . . . . . Asbestos
- Δ ba. . . . . Barite
- Δ be. . . . . Beryl
- Δ Bi. . . . . Bismuth
- Δ bn . . . . . Bornite
- Δ bran . . . . . Brannerite
- Δ bruc . . . . . Brucite
- Δ Cd . . . . . Cadmium
- Δ calc. . . . . Calcite
- Δ carb . . . . . Carbonate
- Δ cel . . . . . Celestite
- Δ cc. . . . . Chalcocite
- Δ cp. . . . . Chalcopyrite
- Δ ch. . . . . Chert
- Δ clay . . . . . Clay
- Δ Co . . . . . Cobalt
- Δ cob. . . . . Cobaltite
- Δ cb. . . . . Columbite
- Δ Cu . . . . . Copper
- Δ cor . . . . . Corundum
- Δ dol . . . . . Dolomite
- Δ ep. . . . . Epidote
- Δ ery . . . . . Erythrite
- Δ fel . . . . . Feldspar
- Δ fl . . . . . Fluorite (flurospar)
- Δ fu. . . . . Fuchsite
- Δ gn. . . . . Galena
- Δ gt. . . . . Garnet
- Δ goe . . . . . Goethite
- Δ Au . . . . . Gold
- Δ gf. . . . . Graphite
- Δ gl . . . . . Gravel
- Δ gyp. . . . . Gypsum
- Δ hem . . . . . Hematite
- Δ il . . . . . Ilmenite
- Δ Fe . . . . . Iron
- ▲ IF. . . . . Iron Formation
- Δ jas . . . . . Jasper
- Δ kaol . . . . . Kaolinite (kaolin)
- Δ ky . . . . . Kyanite
- Δ Pb . . . . . Lead
- Δ lim . . . . . Limonite
- Δ Li. . . . . Lithium
- Δ mgst . . . . . Magnesite
- Δ mag . . . . . Magnetite
- Δ mc . . . . . Malachite
- Δ Mn . . . . . Manganese
- Δ mb . . . . . Marble
- Δ mar. . . . . Marcasite
- Δ ma . . . . . Marl
- Δ mi . . . . . Mica
- Δ ml . . . . . Millerite
- Δ mo . . . . . Molybdenite
- Δ Mo . . . . . Molybdenum
- Δ mon . . . . . Monazite
- Δ ne. . . . . Nephelite (nepheline)
- Δ nc. . . . . Niccolite
- Δ Ni. . . . . Nickel
- Δ Nb . . . . . Niobium
- Δ Pd . . . . . Palladium
- Δ peat . . . . . Peat
- Δ pent . . . . . Pentlandite
- Δ Pt. . . . . Platinum
- Δ py . . . . . Pyrite
- Δ pyl . . . . . Pyrochlore
- Δ pyrl . . . . . Pyrolusite
- Δ po . . . . . Pyrrhotite
- Δ q . . . . . Quartz
- Δ qcv . . . . . Quartz carbonate vein
- Δ ra. . . . . Radioactive minerals
- Δ RE . . . . . Rare Earths
- Δ sd. . . . . Sand
- Δ sgl . . . . . Sand and gravel
- Δ ss . . . . . Sandstone
- Δ scap . . . . . Scapolite
- Δ shee . . . . . Scheelite
- Δ serp . . . . . Serpentine
- Δ sh. . . . . Shale
- Δ sid . . . . . Siderite
- Δ si . . . . . Silica
- Δ Ag . . . . . Silver
- Δ sl . . . . . Slate
- Δ sm . . . . . Smaltite
- Δ sod . . . . . Sodalite
- Δ spec . . . . . Specularite
- Δ sp. . . . . Sphalerite
- Δ spd . . . . . Spodumene
- Δ staur . . . . . Staurolite
- Δ stib. . . . . Stibnite
- Δ st . . . . . Stone
- Δ talc. . . . . Talc
- Δ Te . . . . . Tellurium
- Δ td. . . . . Tetrahedrite
- Δ th. . . . . Thorite
- Δ Th . . . . . Thorium
- Δ thuc . . . . . Thucholite
- Δ ti . . . . . Titanite
- Δ Ti. . . . . Titanium
- Δ tour . . . . . Tourmaline
- Δ trap . . . . . Trap rock
- Δ W. . . . . Tungsten
- Δ uran . . . . . Uraninite
- Δ U . . . . . Uranium
- Δ verm . . . . . Vermiculite
- Δ Y . . . . . Yttrium
- Δ Zn . . . . . Zinc
- Δ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or mentioned within either Drillhole Summary or mineral Occurrences

Stop Lake Area

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Separation Lake Iron Formation Occurrence	IF			OGS Map P.366 (only sources of information) OGS Map 2175

GDIF FORM NO. 1

Stop Lake Area

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
1	Noranda Exploration Company Limited 52L/7 SE; F-5								83											

GDIF FORM NO. 2

Stop Lake Area

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
	No Diamond Drilling has been recorded in the Stop Lake Area as of July 12, 1988								

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
1	By: Questor Surveys Limited For: Noranda Exploration Company Limited (see Kenora Assessment Files 52L/5SE; F-5)	Total Magnetic Intensity Survey	N/A	NNW/SSE	250 m

GDIF FORM NO. 4

Stop Lake Area

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No Surveys on file as of July 12, 1988			

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No age dating on file as of July 12, 1988			

GDIF FORM NO.n

Stop Lake Area

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Kenora

No newspaper clippings on file pertaining to the Stop Lake Area as of July 12, 1988

Stop Lake Area

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched: English River, Fiord Bay, Iron Formation, Lount Lake, Minnesabik Lake, Namego Lake, Noranda Exploration Company Limited, Scenic Lake, Separation Lake, Spar Lake, Stop Lake

Index Volume	Listing:	Report Volume	Part	Page
1	Separation Lake, English River, Kenora and Patricia Districts	N.O.		251,282
3	Lount Lake, English River, Porphyritic granite, analysis	39	3	36
9	English RiverMetased/Vol Belt Geology of the area Report and Map P.1971 on, 1978 by F.W. Breaks, W.D. Bond and D. Stone	MP 72		55pp
9	Lount Lake Batholith Sand Lake area, Kenora District	MP 72		27,30,32
9	Separation Lake Sydney Lake area, Kenora Patricia District	MP 72		24,31

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

S Stop Lake Area

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL COMPILATION MAPS		
Ayres, L.D., Lumbers, S.B., Milne, V.G., Robeson, D.W.	1970	Ontario Geological Map, West Central Sheet	ODM Map 2199	1" to 16 miles
Beakhouse, G.P.	1980	Geology, Winnipeg River-English River Area, Manitoba and Ontario, map and notes	GSC Open File 652	1:125,000
Breaks, F.W., Bond, W.D., McWilliams, G.H., Gower, C.F., Stone, D.	1975	Operation Kenora-Sydney Lake, Umfreville-Separation Lakes Sheet, District of Kenora	ODM Map P.1028	1" to 1 mile (1:63,360)
Davies, J.C., Pryslak, A.P.	1966	Lower English River Sheet, District of Kenora Geological Compilation Series	ODM Map P.366	1" to 2 miles (1:126,720)
Ferguson, S.A., Brown, D.D. Davies, J.C., Pryslak, A.P.	1968	Red Lake-Birch Lake Sheet, Geological Compilation Series	ODM Map 2175	1" to 4 miles (1:253,440)
Tanton, T.L.	1939	Canada Department of Mines and Resources, Kenora Sheet, Ontario	Map 266A	1" to 8 miles (1:506,720)
Thurston, P.C., Barlett, J.R.	1981	Lower English River Sheet, Patricia Kenora District, (revision of Map P.366)	OGS Map P.2394	1" to 2 miles (1:126,720)
		GEOPHYSICAL MAPS		
Dept. of M & NR, Manitoba, Dept. of EMR, GSC and ODM	1965	Pointe du Bois Manitoba-Ontario Airborne Magnetic Survey, Aeromagnetic Series (with Geophysics Paper 7124)	Map 7124G	1:250,000
Dept. of MR & E, Manitoba, MNR Ontario and EMR, GSC	1977	Federal-Provincial Uranium Reconnaissance Program Airborne Gamma-Ray Spectrography Pointe du Bois Area	36252G-1-6	1:250,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOPHYSICAL MAPS		
Geo-Analysis (1981) Ltd.	1981	The Identification of Structural Linears from Landsat Imagery in Northwestern Ontario. Energy, Mines and Resources Canada, Earth Physics Branch, Seismological Service of Canada	OF 82-12, Map 1	1:250,000
Gravity & Geodynamics Division	1981	Gravity Map of Canada, 1980, Lake of the Woods, Earth Physics Branch, Energy, Mines and Resources Canada	Map No. 48090	1:1,000,000
G.S.C.	1984	Radioactivity Map, Lake of the Woods - Contour Maps: Ur(TC),eU,eTh,%K,eU/eTh,eU/K,eTh/K	OF 1067, Map 36252G	1:1,000,000
ODM & GSC	1961	Aeromagnetic Series, Lount Lake, Kenora District, Ontario	Map 1180G	1" to 1 mile (1:63,360)
ODM & GSC	1965	1961 Aeromagnetic Survey Composite Map	P.279	1" to 16 miles (1:1,013,760)
OGS-GSC	1977	Uranium Reconnaissance Program Airborne Gamma-Ray Spectrometer Survey - Contour Maps: TC,K,eU,eTh,eU/eTh,eU/K,eTh/K - Flight Line Profiles	P.1320-1354	1:250,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Jenkins, G.S., Hoffman,D.W. Smith, R.E., Zoltai, S.C.	1975	Canada Land Inventory, Soil Capacity for Agriculture, Pointe du Bois Sheet	No. En 64/2-52L	1:250,000
MNR, Ontario	1970	Ontario Land Inventory, Aggregate, Pointe du Bois Sheet	OLI 52L	1:250,000
Neilson, J.M.		Northern Ontario Engineering Geology Terrain Study, Data Base Map, Umfreville Lake (Not Released)	OGS Map 5106	1:100,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Zoltai, S.C.	1965	Kenora-Rainy River Surficial Geology	ODL & F Map S165	1" to 8 miles (1:506,880)
		MINERAL POTENTIAL MAPS		
Robertson, J.A.	1982	Uranium and Thorium Deposits of Ontario, West Central Sheet, Mineral Deposits Series	OGS Map P.2427	1" to 16 miles (1:1,013,760)
Springer, Janet	1978	Ontario Mineral Potential, Pointe du Bois Sheet, District of Kenora, Mineral Deposits Series	OGS Map P.1539	1:250,000
		GEOLOGICAL REPORTS AND MAPS		
Bell, R.	1873	Report on the Country Between Lake Superior and Lake Winnipeg	GSC Report of Progress, 1872-1873, pt.5	
Breaks, F.W., Bond, W.D., Stone, D.	1978	Preliminary Geological Synthesis of the English River Subprovince, Northwestern Ontario, and Its Bearing Upon Mineral Exploration	OGS MP 72 with Map P.1971	55 pp 1" to 4 miles (1:253,440)
Derry, D.R.	1930	Minaki to Sydney Lake	ODM Vol.39, pt.3 Map 39G	p. 24-41 1" to 3 miles (1:190,080)
Selwyn, A.R.C.	1873	Notes on a Preliminary Geological Reconnaissance from Lake Superior by the English and Winnipeg Rivers to Fort Garry	GSC Report of Progress 1872-1873, pt. 2	

GDIF FORM NO.9

Stop Lake Area

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

AERIAL PHOTOGRAPHY INDEX

(compiled from index maps only)

Scale 1" to 1/4 mile

	ROLL NUMBER	PHOTO NUMBER
1983	83-9	257-270
	83-10	36-49
	83-10	185-198
	83-17	202-213
	83-27	36-49
	83-27	250-260
	83-28	60-62
1976	76-3	3-16
	76-3	102-115
	76-6	192-205
	76-29	2-15
	76-29	94-116
	76-29	183-195

Scale 1" to 1 mile

ROLL NUMBER	PHOTO NUMBER
A 13788	22-25
A 13788	65-68

TOPOGRAPHIC MAPS

1976, Surveys and Mapping Branch
Dept. of EMR, Ottawa
Lount Lake, 52L/1 — 1:50,000*

1984, Surveys and Mapping Branch
MNR, Toronto, Provincial Series
Umfreville Lake, 52L/SE and part
of 52L/SW — 1:100,000*

1978, Surveys and Mapping Branch
Dept. of EMR, Ottawa
Pointe du Bois — 1:250,000*

*Published maps currently on file in Resident Geologist's Office, Kenora

50° 15' 00"

94° 30' 00"

Separation

Lake.

Fiord
Bay

Fiord
Bay

Separation Lake

English

Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 487

(Map 1 of 2)

STOP LAKE AREA
(52 L/1 NW)

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Musky Narrows L.

Stop L.

Bays L.

Namego L.

Spar L.

Minnesabik L.

Minnesabik

English R. River

Lount

1

94°30'00"

50°07'30"

English River

English River

Lount Lake

94°15'00"

50°07'30"

EXPLORATION DATA FILE AREAS

■ /① \⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area of exploration

□ ★ File covers whole township or area

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ ◆³ Geochemical sample site, with reference number
- ☐ ◆³ Area of geochemical sampling, with reference number
- ☐ ✶² Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ■ AM Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ ARA Airborne radiometric anomaly
- ☐ M Ground magnetic anomaly
- ☐ VL Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- ☐ RA Ground radiometric anomaly
- ☐ IP Induced polarization anomaly
- ☐ SP Self potential anomaly
- ☐ AFMAG Audio-frequency magnetic anomaly (total intensity)
- ☐ R Resistivity anomaly
- ☐ GR Gravity anomaly

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Rock quarry

Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 487

(Map 2 of 2)

STOP LAKE AREA
(52 L/1 NW)

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp ▲ A. — Mineral occurrence at surface, with reference letter
- □ Au ◪ A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag △ A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp ▬ A. — Mineralized float with reference letter
- □ △ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- □ •² — Location of single drillhole, with reference number
- □ ◉² — Location of closely spaced group of drillholes, with reference number
- □ ⊙² — Drillhole, exact location uncertain, with reference number

(total intensity)

☐ R Resistivity anomaly

☐ GR Gravity anomaly

MISCELLANEOUS DATA

☐ Trenching, pit

☐ Adit

☐ Open pit

☐ Rock quarry

☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

English River

English River

Lount Lake

94°15'00"

50°07'30"

- Mineralized float with reference letter
- Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number